

20070630.ba v04\_n065.bam.20070630

>From ???@??? Sat Jun 30 09:15:19 2007 -0500  
Date: Sat, 30 Jun 2007 14:14:17 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 4065  
Message-Id: <20070630141420.45E31470115@srvr1.theporch.com>

BOATANCHORS Digest 4065

Topics covered in this issue include:

- 1) RE: Rectifiers rant rant rant  
by n6nae@ix.netcom.com
- 2) Re: Rectifiers  
by "B. Smith" <smithab11@comcast.net>
- 3) German Armor Receiver  
by "David's Mail" <arc5@ix.netcom.com>
- 4) Re: Solid State Rectifier Replacement For 51J Radios & Others  
by "Arden Allen" <gumbear@pacbell.net>
- 5) Re: Rectifiers rant rant rant  
by "Arden Allen" <gumbear@pacbell.net>
- 6) Re: Looking for HP 5425L schematic  
by "Arden Allen" <gumbear@pacbell.net>
- 7) Re: Rectifiers  
by "Al Parker" <anchor@ec.rr.com>
- 8) QEX Article Wanted  
by Tom Norris <r390a@bellsouth.net>
- 9) Re: Rectifiers rant rant rant  
by wb3fau@att.net
- 10) Re: Rectifiers rant rant rant  
by "Tom Rauch" <w8ji@contesting.com>
- 11) Re: Rectifiers rant rant rant  
by "Arden Allen" <gumbear@pacbell.net>
- 12) Re: [Hallicrafters] Need Part From SX-117, HT-44, SR-150 or SR-160  
by "David Thompson" <thompson@mindspring.com>
- 13) Re: [Hallicrafters] Need Part From SX-117, HT-44, SR-150 or SR-160  
by "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>
- 14) Rectifiers rant, the pic  
by stuck in 50s <polepeeg@aa4rm.ba-watch.org>
- 15) Re: Rectifiers rant, the pic  
by Richard Loken <richardlo@admin.athabasca.ca>
- 16) Mosley Diplomat 6 Meter 5/8 Wave Vertical  
by Robert Lawson <w4rl@bellsouth.net>
- 17) R392 Tubes Available  
by Tom Norris <r390a@bellsouth.net>
- 18) Re: R392 Tubes Available

- by john <johnmb@nc.rr.com>
- 19) RCAF Whitehorse, Yukon  
by Jerry Proc <jerry7proc@yahoo.com>
  - 20) Ocean State Electronics  
by "B. Smith" <smithab11@comcast.net>
  - 21) Need Email address of "Morry", K3DPJ.  
by "Ken" <n5cm@rtconline.com>
  - 22) Linear Systems Model 500-12M  
by W6cds@aol.com
  - 23) FS: National, Marconi, Military, Parts and More  
by David Hollander <n7rk@cox.net>

-----  
Message-ID: <4864197.1182966141276.JavaMail.root@elwamui-ovcar.atl.sa.earthlink.net>  
Date: Wed, 27 Jun 2007 10:42:21 -0700 (GMT-07:00)  
From: n6nae@ix.netcom.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Rectifiers rant rant rant  
Mime-Version: 1.0  
Content-Type: text/plain; charset=UTF-8  
Content-Transfer-Encoding: 7bit

Hard to believe something with only two leads could cause such mischief.  
Technology changes! Old, bad habits OTOH hang around like unwanted holes in a front panel.

Modern CONTROLLED AVALANCHE (look up the term) rectifiers have very tightly controlled characteristics and should not have any Rs and Cs in parallel. The variations in the added Rs and Cs will overwhelm the tolerances in the diodes and the finished product will be worse off than without the additions. You need to read the data sheet for the parts you are using to be certain of what you have and then apply it correctly. Buy new, modern quality parts. If you got them in a coffee can at a swap meet, you are on your own.

But there are always exceptions, right? I'm looking at a rectifier board that failed here at work. (CBS TeeVee) There are 95 diodes in series, type RL257. Each has a 4.7M 1/2 watt resistor and 2200pF/1kV ceramic disc cap in parallel. Maybe putting 95 in series is pushing the limits of 'goodness' so they added the "equalizers". Six of these strings convert 3-phase AC to DC. Three amplifiers in parallel then make about 60KW on a UHF channel. High volts is 32 KV at a combined 4.5 amps. The diodes and other things failed when the HV arced. I was in the room when it shorted to the cabinet and I can vouch that the earth moved.  
Richard

-----  
Message-ID: <001a01c7b8e4\$b6379a20\$e9e1a243@HAL1000>  
From: "B. Smith" <smithab11@comcast.net>

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Rectifiers  
Date: Wed, 27 Jun 2007 13:58:03 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="UTF-8"  
Content-Transfer-Encoding: 7bit

I have gang banded diodes in series scores of times using "professionally laid" out circuit boards with and without equalization networks. Eventually something fails. Once I discovered the K2AW rectifier blocks I no longer go through the "series diode " drill and just simply mount the K2AW block on heat sink material which is usually just the chassis. I have never experience a failure with my homebrew equipment using these block rectifiers. Some have been in service 15 years.

breck k4che

-----  
Message-ID: <001601c7b8eb\$79da6650\$6401a8c0@boudreaux>  
From: "David's Mail" <arc5@ix.netcom.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: German Armor Receiver  
Date: Wed, 27 Jun 2007 13:46:26 -0500  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_000\_0013\_01C7B8C1.8ED65AC0"

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_0013\_01C7B8C1.8ED65AC0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

I just received half a German armor rig, a E-16-ZS receiver.  
It tunes from 40-45 MC continuously=20  
and/or with four pre-set channels.  
Does anyone have a pin-out of the connector  
and power supply requirements?  
Thanks.  
D.S.

-----=\_NextPart\_000\_0013\_01C7B8C1.8ED65AC0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----=\_NextPart\_000\_0013\_01C7B8C1.8ED65AC0--

-----  
Message-ID: <009d01c7b8f1\$07153d10\$449f480c@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Solid State Rectifier Replacement For 51J Radios & Others  
Date: Wed, 27 Jun 2007 11:59:50 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> You've missed the point. If one diode has a lower peak inverse  
> voltage (zenering voltage) than the others in the string, it will  
> conduct first and have to carry the few mA of resistor current AT ITS  
> ZENER VOLTAGE, maybe 1 kV. That's a lot of heat.

That's not the point either. You never want to cause any diode to have its  
peak inverse voltage RATING exceeded. Not just the diode's actual reverse  
breakdown (zener) voltage, but the MANUFACTURER'S SPECIFIED MAXIMUM  
ALLOWABLE PEAK INVERSE VOLTAGE. If, for any reason, one diode in a series  
string breaks down (conducts at its zener voltage) the remaining diodes in  
the string are exposed to higher peak inverse voltages. If that goes on  
regularly a domino effect failure may occur.

Let's look at an example: A diode in a string experiencing 500 PRV is  
shunted with a 150K resistor to allow approximately 3 peak mA to flow. If  
the diode breaks down at 1KV the first question is, where did the 1KV come  
from?

The unavoidable conclusion has to be the diode has ALREADY FAILED. How long  
do you want to wait before the rectifier string sends up smoke signals?

Arden Allen  
KB6NAX

-----  
Message-ID: <009f01c7b8f1\$09691820\$449f480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Rectifiers rant rant rant  
Date: Wed, 27 Jun 2007 12:23:47 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="UTF-8"  
Content-Transfer-Encoding: 7bit

> .....If you got them in a coffee can at a swap meet, you are on your own.  
.....

That's what makes this a hobby and not a profession ; -)

Arden Allen  
KB6NAX

-----  
Message-ID: <00a001c7b8f1\$0a80c9b0\$449f480c@KB6NAX>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Looking for HP 5425L schematic  
Date: Wed, 27 Jun 2007 12:26:03 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> ...do you know of a good cleaner relubricate for the plastic pots in the  
Sample Rate control[?] .....

Caig changed the name of their pot lubricant from MCL to Faderlube. Good  
stuff, use it regularly.

Arden

-----  
Message-ID: <099101c7b8f2\$935e84b0\$6401a8c0@reloaded>  
From: "Al Parker" <anchor@ec.rr.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Rectifiers  
Date: Wed, 27 Jun 2007 15:37:19 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        format=flowed;  
        charset="UTF-8";  
        reply-type=original  
Content-Transfer-Encoding: 7bit

ditto here Just give Frank a call, he'll 'fix' you right up - nice guy.  
Look him up in QST, small ad in the back of each issue. or use google  
73,  
Al, W8UT  
New Bern, NC  
[www.boatanchors.org](http://www.boatanchors.org)  
[www.hammarlund.info](http://www.hammarlund.info)

----- Original Message -----

From: "B. Smith" <[smithab11@comcast.net](mailto:smithab11@comcast.net)>  
To: "Old Tube Radios" <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Sent: Wednesday, June 27, 2007 1:58 PM  
Subject: Re: Rectifiers

>I have gang banded diodes in series scores of times using "professionally  
> laid" out circuit boards with and without equalization networks  
> .Eventually something fails. Once I discovered the K2AW rectifier blocks I  
> no longer go through the "series diode " drill and just simply mount the  
> K2AW block on heat sink material which is usually just the chassis. I have  
> never experience a failure with my homebrew equipment using these block  
> rectifiers. Some have been in service 15 years.  
>  
> breck k4che  
>

-----  
Mime-Version: 1.0 (Apple Message framework v752.2)  
Content-Transfer-Encoding: 7bit  
Message-Id: <[2B1E67FF-48AB-476F-9339-A5CE3F9DDA5D@bellsouth.net](mailto:2B1E67FF-48AB-476F-9339-A5CE3F9DDA5D@bellsouth.net)>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
From: Tom Norris <[r390a@bellsouth.net](mailto:r390a@bellsouth.net)>  
Subject: QEX Article Wanted  
Date: Wed, 27 Jun 2007 22:00:05 -0500

I'm looking for a copy/scan of "Synthesizing Vacuum Tubes", that's in  
Aug 97 QEX. Can anyone help?

Thanks

Tom Norris  
[R390A@BellSouth.net](mailto:R390A@BellSouth.net)

-----  
From: [wb3fau@att.net](mailto:wb3fau@att.net)  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>

Cc: "Arden Allen" <gumbear@pacbell.net>  
Subject: Re: Rectifiers rant rant rant  
Date: Thu, 28 Jun 2007 15:45:18 +0000  
Message-Id:  
<062820071545.33.4683D78E000A96910000002121602807489A0E00CC0D99@att.net>

OK heres a different angle- if we do not need caps or resistors shunting those diodes,  
why do some designs use surge suppressors? [ding-ding- round 7] Russ.

-----  
Message-ID: <021c01c7b9a2\$05352d00\$640fa8c0@radiatoroom>  
From: "Tom Rauch" <w8ji@contesting.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Rectifiers rant rant rant  
Date: Thu, 28 Jun 2007 12:33:04 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
format=flowed;  
charset="iso-8859-1";  
reply-type=original  
Content-Transfer-Encoding: 7bit

> OK heres a different angle- if we do not need caps  
> or resistors shunting those diodes,  
> why do some designs use surge suppressors?  
> [ding-ding- round 7] Russ.

In the first place, old habits die hard. Long ago diodes and caps increased reliability, now they almost always do the opposite.

The exception is with special diodes that because of doping or special manufacturing have significant leakage.

Also, what you see might not be for the reason you think see it. In the AL12 series amplifiers I used caps across the diodes to prevent a small amount of HV RF ripple on low bands from getting back into the diodes and generating harmonics. So while someone might look at the amp and say, "oh, he needed caps to protect diodes" the truth is entirely different.

When I got involved as a consultant with Ameritron/Dentron/Amp Supply they used carbon resistors across electrolytics and diodes. The mortality rate of power

supplies was terrible. The carbons across the filter caps were changed to metal film and the resistors across the diodes were removed, and failures dropped to zero.

It's actually virtually unheard of to have a diode failure in an AL12 series or even larger commercial amps using 8-10kV supplies that use diode stacks with no shunt components, and that is with a normal 50% margin on diode voltages. Every single stack you buy from K2AW and others are devoid of shunt components inside, as are the rectifier strings used in millions of microwave ovens in the world.

I know people do not like to hear things like this when they are in a habit, but the fact is we almost certainly decrease the reliability of a diode stack when we add shunt components. This is especially true when we parallel 250-350 volt rated components with 1000 volt rated semiconductors. The failure mechanism is not punch through of an insulated junction by exceeding a set threshold voltage, it is reverse dissipation. The diodes do much better if each is allowed to seek its own level. It doesn't hurt the part at all, because it isn't stressing a dielectric or barrier with a certain arc-over or punch-through voltage.

The newer Handbooks have caught up and corrected this area.

73 Tom

-----  
Message-ID: <001001c7b9c5\$bff6d8f0\$459f480c@KB6NAX>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Rectifiers rant rant rant

Date: Thu, 28 Jun 2007 13:48:48 -0700

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> ....Long ago diodes and  
> caps increased reliability, now they almost always do the  
> opposite. ....

This is my last shot, Tom. I have applied Ohm's law successfully for many a year now and I have applied it to your assertions that shunt resistors in a diode string reduce reliability of the diodes. Your explanation is devoid of facts and reason. It doesn't wash.



Now you assert that, "... The diodes do much better if each is allowed to seek its own level. ...." Level? I didn't know diodes had a level. Are they social climbers?

Diodes are either "on" when forward biased, conducting with a junction voltage drop thrown in, or are "off" when reverse biased, with a minute leakage current flowing. Ignoring both of these effects a diode is a perfect one way conductor. It has no "level."

The reason equalizing resistors are used with diode strings is to better define the applied reverse voltage. The diodes' individual junction voltages are self defining and are not at issue here. What is at issue here is, what does paralleling diodes with resistors have to do with diode reliability? The answer is NOTHING.

The bottom line is modern diode strings that function reliably without equalizing resistors do so because their minute leakages contribute little to upsetting equal voltage distribution which is achieved by diode junction capacitance instead. Adding capacitors to shunt RF currents around the diodes makes equal voltage distribution even more sure.

So, please, Tom, stop telling everyone that anything made before yesterday is no good and should be thrown in the trash. I for one will use my coffee can diodes and after testing their reverse breakdown voltages build diode strings as I see fit....., with voltage equalizing resistors if needed also. Good, reliable ones too ;-)

Arden Allen  
KB6NAX

-----  
Message-ID: <01a601c7b9c6\$b5345f40\$bc619a04@yourxb2x7j77gn>  
From: "David Thompson" <thompson@mindspring.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: [Hallicrafters] Need Part From SX-117, HT-44, SR-150 or SR-160  
Date: Thu, 28 Jun 2007 16:34:45 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The original boatanchors reflector (boatanchors@theporch.com) also know as old tube radios had an extensive junker list a dozen years ago.

Maybe its time to build such a list again and put it in all our archives. The list was by piece of equipment and who to contact for info.

73 Dave K4JRB

-----  
Date: Thu, 28 Jun 2007 14:09:34 -0700 (PDT)  
From: "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>  
Subject: Re: [Hallicrafters] Need Part From SX-117, HT-44, SR-150 or SR-160  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative; boundary="0-400998010-1183064974=:67018"  
Content-Transfer-Encoding: 8bit  
Message-ID: <753489.67018.qm@web54601.mail.re2.yahoo.com>

--0-400998010-1183064974=:67018  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Electric Radio magazine maintained a list of donor rigs in the past, don't know if Ray is still doing that. Might bw worth a check.

73  
Mac  
WQ8U  
Hillsborough, NC

David Thompson <thompson@mindspring.com> wrote:  
The original boatanchors reflector (boatanchors@theporch.com also know as old tube radios had an extensive junker list a dozen years ago.

Maybe its time to build such a list again and put it in all our archives.  
The list was by piece of equipment and who to contact for info.

73 Dave K4JRB

--0-400998010-1183064974=:67018  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

--0-400998010-1183064974=:67018--

-----  
Date: Thu, 28 Jun 2007 19:44:10 -0400 (EDT)  
From: stuck in 50s <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200706282344.15SNiA7B019550@fracas.netboobie.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Rectifiers rant, the pic

<http://qsl.asti.net/SS8008.jpg>

Most evidently a SS exchange for a 8008. 18 1kv diodes stacked. All shorted now & one disc ceramic on obverse fricasseed. Thing was made by Wilkinson Electronics & called SR-18-2

Pic may be worth but 500 words since I didn't show the back. That's where there's a paralleled 470k .5W AB-type carbon resistor, a diode labeled "SCI 1000 HR," and a NE2 w. 1 meg. .5W AB-type at each "stack ensemble." Looks like NE2s wud light if all was well.

You can see the NE2s sticking thru between the phillips-head screws which mark each "stack ensemble."

Enuf on that

Say it's been clear fm the get-go that metal film Rs have better breakdown characteristis since they're spiral-cut to come into range. Clearly a much longer R-material path.

Marty

-----  
Date: Thu, 28 Jun 2007 17:55:07 -0700  
From: Richard Loken <richardlo@admin.athabascau.ca>  
Subject: Re: Rectifiers rant, the pic  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <Pine.PMDF.4.44L.0706281749030.551-100000@local.admin.athabascau.ca>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; charset=US-ASCII

On Thu, 28 Jun 2007, stuck in 50s wrote:

> Most evidently a SS exchange for a 8008. 18 1kv diodes stacked. All  
> shorted now & one disc ceramic on obverse fricasseed. Thing was  
> made by Wilkinson Electronics & called SR-18-2

We installed those very 8008 solid state rectifiers in the 10KW TV transmitter at CJOC TV when I worked there in the early 70's. Yes indeed, all the neon bulbs happily glowed while the rectifiers rectified. We replaced some exhausted 8008 mercury rectifiers which used to arc over 50% of the time when I hit the high voltage switch.

Must have been quite exciting when those 18 rectifiers and their associated parts failed.

--

Richard Loken VE6BSV, Systems Programmer - VMS : "Anybody can be a father  
Athabasca University : but you have to earn  
Athabasca, Alberta Canada : the title of 'daddy'  
\*\* richardlo@admin.athabascau.ca \*\* : - Lynn Johnston

-----  
Message-ID: <4684546C.6020208@bellsouth.net>  
Date: Thu, 28 Jun 2007 19:38:04 -0500  
From: Robert Lawson <w4rl@bellsouth.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Mosley Diplomat 6 Meter 5/8 Wave Vertical  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Fellas,

Anyone by chance have a manual for the Mosley Diplomat 6 meter 5/8's wave vertical ? I got one in trade many years ago in new in the box condition, but the barn critters have consumed most portions of the manual. I wish to revisit 6 meters AM.

Thanks and 73

Robert W4RL Pensacola Florida

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Mime-Version: 1.0 (Apple Message framework v752.2)  
Content-Transfer-Encoding: 7bit  
Message-Id: <8928230E-1757-4DB9-8200-4B4A3AA50711@bellsouth.net>  
Content-Type: text/plain; charset=US-ASCII; delpsp=yes; format=flowed  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <r390a@bellsouth.net>  
Subject: R392 Tubes Available  
Date: Thu, 28 Jun 2007 20:01:36 -0500

Hey you guys out there with R-392's, take a gander at what this fellow has to offer --

<http://stores.ebay.com/K5SVC> or tube search <http://tinyurl.com/2laxbu>

The guy has all the tubes for your 392 other than the 26FZ6 front end improvement used in later contracts.

I've dealt with the seller in the past and he's always been good.

Tom Norris  
R390A@BellSouth.net

full url for the paranoid -- [http://search.stores.ebay.com/K5SVC\\_26\\_W0QQfciZ12QQfclZ3QQfsnZK5SVCQQfsooZ2QQfsopZ3QQsaselZ14089412QQsatileZ26Q2aQQsofpZ0](http://search.stores.ebay.com/K5SVC_26_W0QQfciZ12QQfclZ3QQfsnZK5SVCQQfsooZ2QQfsopZ3QQsaselZ14089412QQsatileZ26Q2aQQsofpZ0)

-----  
Message-Id: <6.2.1.2.2.20070628211440.03041d60@pop-server.nc.rr.com>  
Date: Thu, 28 Jun 2007 21:15:14 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@nc.rr.com>  
Subject: Re: R392 Tubes Available  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:01 PM 6/28/2007, Tom Norris wrote:

>I've dealt with the seller in the past and he's always been good.  
>  
>

I'll second that... always top service from Frank.

John K5MO

-----  
Date: Fri, 29 Jun 2007 12:36:25 -0400 (EDT)  
From: Jerry Proc <jerry7proc@yahoo.com>  
Subject: RCAF Whitehorse, Yukon  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Message-ID: <355817.60094.qm@web90602.mail.mud.yahoo.com>

Hello Everyone,

The airfield at Whitehorse Yukon became part of the

strategic Northwest Staging Route into Alaska during WWII.

After WWII, its role changed to that of a SIGINT intercept station under the command of the Royal Canadian Air Force. In 1966 the station joined the Canadian Supplementary Radio System. It was short lived as the station closed its doors in 1968 thus ending a 30 year presence in the Yukon Territory.

The results of the research have been posted to:  
<http://www.jproc.ca/rrp/whitehorse.html>

--

Regards,  
Jerry Proc  
E-mail: [jerry7proc@yahoo.com](mailto:jerry7proc@yahoo.com)

Be smarter than spam. See how smart SpamGuard is at giving junk email the boot with the All-new Yahoo! Mail at [http://mrd.mail.yahoo.com/try\\_beta?.intl=ca](http://mrd.mail.yahoo.com/try_beta?.intl=ca)

-----  
Message-ID: <001801c7ba6b\$df6f9f90\$e9e1a243@HAL1000>  
From: "B. Smith" <[smithab11@comcast.net](mailto:smithab11@comcast.net)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: Ocean State Electronics  
Date: Fri, 29 Jun 2007 12:38:06 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I just received an order from Ocean State, I placed it on June 26th and received it today June 29th. Looks like they got all their problems resolved.

breck K4che

-----  
Message-ID: <000801c7ba7d\$6ae32d60\$6b9c1f45@rtconline.com>  
From: "Ken" <[n5cm@rtconline.com](mailto:n5cm@rtconline.com)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: Need Email address of "Morry", K3DPJ.  
Date: Fri, 29 Jun 2007 11:43:41 -0700  
MIME-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone have Morry's Email addres? Lost track of him from  
back 2000.

Thanks & take care,

Ken N5CM

--  
I am using the free version of SPAMfighter for private users.  
It has removed 83 spam emails to date.  
Paying users do not have this message in their emails.  
Get the free SPAMfighter here: <http://www.spamfighter.com/len>

-----  
From: W6cds@aol.com  
Message-ID: <c41.19ed1acf.33b726dd@aol.com>  
Date: Fri, 29 Jun 2007 23:24:13 EDT  
Subject: Linear Systems Model 500-12M  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----1183173853"

-----1183173853  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I've got a Linear Systems Converter Model 500-12M. Anyone know anything  
about this? Would like to find a schematic if possible. Company's address was  
220 Airport Blvd, Watsonville, CA but can't find anything on them either so  
guess they are out of business. Thanks, Charles Simmons, W6CDS

\*\*\*\*\* See what's free at <http://www.aol.com>.

-----1183173853  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*

\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

-----1183173853--

-----  
Message-ID: <4686652E.5090502@cox.net>  
Date: Sat, 30 Jun 2007 07:14:06 -0700  
From: David Hollander <n7rk@cox.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: National, Marconi, Military, Parts and More  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

Here are some items for sale. Prices do not include shipping. I will ship overseas.

National NC-101X receiver.....\$225 plus shipping

This is an 11 tube superhet from around 1937 that covers the ham bands as they were in the late 1930's-160, 80, 40, 20 and 10 meters. This radio was introduced in 1937 with a tuning eye. This is a later version which has the s-meter. The original version came from the factory with a tuning eye. This unit is in pretty nice shape considering it is 70 years old. It does have a two additions to the front panel in the form of a toggle switch and a pot in the lower left made by the previous owner. The toggle switch is the ac on/off switch. All of the tubes have been checked and are good. The person who owned it before me replaced all of the wax caps, the electrolytics and many of the resistors too. The radio is working but has an intermittent which will need to be fixed. I did listen to signals on 40 meters CW and SSB before it cut out. You do need an electrodynamic speaker to use this radio. Includes a photocopy of the manual

<http://members.cox.net/radiodx5/nc101x.JPG>

<http://members.cox.net/radiodx5/nc101x4.JPG>

<http://members.cox.net/radiodx5/nc101x6.JPG>

W.W.II US Navy ARC-5 Transmitter, NOS, NIB.....\$300 plus shipping

US Navy Type CCT-52232 ARC-5 transmitter made by Stromberg Carlson in Rochester, New York. This unit covers 2.1 to 3 MHz. This transmitter is in the original box and is NOS and new in the box. The light colored haze on the top of the unit is dust.

<http://members.cox.net/radiostuff9/arc5nos.JPG>

<http://members.cox.net/radiostuff9/arc5nos3.JPG>

Marconi AM/FM Signal Generator Model TF 995A.....\$100 plus shipping



Covers from 1.5 to 220 Mc/s in five bands. Its open circuit output level is variable in 1 db steps, from a minimum of 0.1 micro volts to a maximum of 100 mV at 52 ohms and 200 mV at 75 ohms. The output may be CW, frequency modulated, amplitude modulated, or simultaneously both frequency and. amplitude modulated. The unit works. I was able to hear the signal at various frequencies on a a general coverage receiver. It may need calibration. The power cord and test lead are tucked into the side of the unit. No manual. Heavy unit/  
[http://members.cox.net/radiostuff9/marconi\\_siggen.JPG](http://members.cox.net/radiostuff9/marconi_siggen.JPG)

GE P-807A Black and GE P-808A White Transistor Radios..\$30 plus shipping  
GE transistor radios from the 1950's. They are the GE P-807A Black and GE P-808A White Transistor Radios. Perhaps GE marketed these as "his and hers" transistor radios. These radios are in nice shape. The white radio does have a "not very noticeable" hairline crack on the left side of the radio. They have been tested and both work well. There is no damage from battery acid in either radio.  
[http://members.cox.net/radiodx5/ge\\_xstrradiopair.JPG](http://members.cox.net/radiodx5/ge_xstrradiopair.JPG)

15 Panel Meters - Voltmeters and Milliameters.....\$9 each plus shipping or buy them all for \$50 plus shipping  
<http://members.cox.net/radiodx5/15meters.JPG>  
<http://members.cox.net/radiodx5/15meters2.JPG>  
<http://members.cox.net/radiodx5/15meters3.JPG>

Variable capacitors for receiver and transmitter projects  
I have hundreds...what do you need?

Zenith Rotor Wavemagnet for Console Radio....\$25 plus shipping  
Large Zenith Rotor Wavemagnet that was salvaged from a 1942 era Zenith console that had a trashed cabinet. It appears to be complete and has a 4 pin -plug for connecting to the radio. The outside cardboard is torn and has seen better days.  
<http://members.cox.net/radiostuff9/wavemagnet.JPG>  
<http://members.cox.net/radiostuff9/wavemagnet2.JPG>

Radio Craftsmen Model 10 AM-FM Tuner with Manual.....\$75 plus shipping  
This is a 12 tube chrome chassis mono unit from around 1950. This unit works very well. I hooked it up to a dual 6V6 mono amp and a 15 inch speaker and let it play while I was working in my shop. It sounds very good on both the am and fm broadcast that I listened to and all controls do what they are supposed to do. If you like playing with vintage mono units, this unit would be a nice unit to play with. Includes an 8 page Rider's manual  
[http://members.cox.net/radiodx5/craftsman\\_tuner.JPG](http://members.cox.net/radiodx5/craftsman_tuner.JPG)  
[http://members.cox.net/radiodx5/craftsman\\_tuner2.JPG](http://members.cox.net/radiodx5/craftsman_tuner2.JPG)

Dumont Type 346 AC Compact Voltmeter.....\$20 plus shipping

This is a compact unit that will measure ac voltage from 0.001 volts to 300 volts in 12 ranges. This is a compact unit measuring 4 inches wide by 6 inches high by 7 inches deep. This is a tested working unit in excellent condition. The input jacks fit standard banana type plus.  
[http://members.cox.net/radiostuff9/dumont\\_acvoltmeter.JPG](http://members.cox.net/radiostuff9/dumont_acvoltmeter.JPG)

12 Tube 1930's "Unknown Brand" Radio.....\$40 plus shipping  
1930's radio of unknown origin. This radio has a high tube count however a number of the tubes are just ballast tubes. The extra tubes were added to the radio to impress the public with the high tube count. This radio covers the AM broadcast band and one short wave band covering 2.2 to 7 MC. The radio is restorable. The wooden case is in reasonably good condition with some veneer missing on the bottom left. The radio is missing several tubes and the knobs. Reproduction plastic dial covers are available from a number of sources.

[http://members.cox.net/radiostuff9/30s\\_radio.JPG](http://members.cox.net/radiostuff9/30s_radio.JPG)

[http://members.cox.net/radiostuff9/30s\\_radio3.JPG](http://members.cox.net/radiostuff9/30s_radio3.JPG)

[http://members.cox.net/radiostuff9/30s\\_radio4.JPG](http://members.cox.net/radiostuff9/30s_radio4.JPG)

73 and thanks for looking.

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\*\*\*\*\*

Dave N7RK                      Boatanchors Home Page: <http://members.cox.net/n7rk>  
Phoenix, Arizona              \*DXCC Honor Roll\*      \*WAZ#22 - 75 Meter SSB\*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor and Antique Radio Collector

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End of BOATANCHORS Digest 4065

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